

Notice of Allowability

Application No.

10/668,793

Examiner

Truc T. T. Nguyen

Applicant(s)

BIANCHINI ET AL.

Art Unit

2833

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the Appeal Brief filed on 10/8/04 and an interview on 12/20/04.
2. ☒ The allowed claim(s) is/are 1-4, 6 and 7.
3. ☒ The drawings filed on 22 September 2003 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date 12/22/04 .
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


TRUC T. NGUYEN
PRIMARY EXAMINER

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Keith Kline on December 20, 2004.

The application has been amended as follows:

- Please cancel claim 5.
- Please amend claims 1 and 6-7 as follow:

1. A fiber optic transceiver package comprising:

a main transceiver cage, a lower portion of said cage comprising an intermediate rear EMI gasket, said intermediate rear EMI gasket being an integral component of said transceiver cage so that no attaching operation is required to affix said intermediate rear EMI gasket to said transceiver cage, said intermediate rear EMI gasket being formed by at least one upward protruding finger that shields an interior of said transceiver cage[.];

wherein said transceiver cage comprises a connecting pin adapted to secure said transceiver cage to a PCB, said connecting pin comprising:

more than one leg, and

a terminal section; wherein

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said legs are arced outward from a first end of said connector pin relative to a central longitudinal axis of said connector pin toward a midpoint of said connector pin, a diameter of said connector pin being at a maximum at said midpoint, said legs then arcing inward toward a common terminal section so that said legs are bowed symmetrically about said longitudinal axis, a tension generated by said bowing of said legs causing said legs to act as a leaf spring when said connector pin is inserted into one of the receiving holes of the receiving element, said legs being slightly compressed as said midpoint enters the receiving hole to create a flexion force, said flexion force ensuring a tight contact point between each of said legs and a surface of the receiving hole in the receiving element, and

each said leg is arced about a longitudinal axis, so that outer surfaces of said legs lie on arcs of a circle.

6. The fiber optic transceiver package as defined in claim [5] 1 wherein:

a magnitude of said flexion force is varied by varying an amount of at-rest arc placed in said legs during manufacturing.

7. The fiber optic transceiver package as defined in claim [5] 1 wherein:

said connector pin is formed as an integral portion of said cage.

2. The following is an examiner's statement of reasons for allowance:

The prior art of record fails to teach each leg is arced about a longitudinal axis so that outer surfaces of said legs lie on arcs of a circle.

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Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Truc T. T. Nguyen whose telephone number is 571-272-2011. The examiner can normally be reached on 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Paula Bradley can be reached on 571-272-2800 extension 33. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Truc T. T. Nguyen
Primary Examiner
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